

280823—Continued

'Chocho'. (Altramuz). Cultivated annual in the Andes between 1,500 and 3,000 meters, optimum 3,000 meters elevation. Plants heathlike, thrives in cool temperatures, not exacting as to soil; petioles have thick nodules at base; flowers tricolored; stamens in closed tube; pod has 3 to 5 attached seeds. Used as green fertilizer, 20 to 25 kilos of seed per hectare, broadcast on well prepared soil and plowed in when plants begin to flower. Used as human food, seed planted in rows 1 meter apart, 60 to 70 cm. between plants, 6 to 7 kilos per hectare, yield 700 to 900 kilos of seed. Also planted in alternated rows with corn or as a rotation crop and on soils not fit for other crops. Seeds for food are cooked and steeped for several days to eliminate alkaloids and triterpenic alcohols.

280824. ERIANTHUS FASTIGIATUS (Steud.) Hack. Poaceae.

From New Guinea. Seeds presented by the Division of Botany, Department of Forests, Lae. Received May 10, 1962.

Collected at Zenag, Morobe. Elevation 4,000 feet.

280825 to 280830.

From Japan. Seeds presented by the Agriculture Department, Ehime University, Matuyama. Received May 10, 1962.

280825. AILANTHUS ALTISSIMA (Mill.) Swingle Simaroubaceae.

Cultivated.

280826. CAMELLIA SASANQUA Thunb. Theaceae.

Wild on Yaku island, Kiusiu. Latitude 30° N.

280827. CATALPA OVATA Don Bignoniaceae.

Japanese catalpa.

Cultivated.

280828. EUSCAPHIS JAPONICA (Thunb.) Dipp. Staphyleaceae.

In wild on Yaku island.

280829. PLATYCARYA STROBILACEA Sieb. & Zucc. Juglandaceae.

In wild.

280830. ZANTHOXYLUM SCHINIFOLIUM Sieb. & Zucc. Rutaceae.

In wild.

280831 to 280841.

From the Union of Soviet Socialist Republics. Seeds presented by the All-Union Institute of Plant Industry, Leningrad. Received May 10, 1962.

280831. FAGOPYRUM SAGITTATUM Gilib. Polygonaceae.

No. 3790. Gornoshorskaya, Novosibirsk region. Erect annual to 27 by 12 inches; roots fibrous; stems reddish at base, becoming green; leaves three lobed, light green; flowers white to yellow, fading to white when dry, to 2 mm. in diameter; stamen purple.

280832 and 280833. FAGOPYRUM ESCULENTUM Moench

Buckwheat.

Erect annual to 27 by 12 inches; roots fibrous; stems reddish at base, becoming green; leaves three lobed, light green; flowers white to yellow, fading to white when dry, to 2 mm. in diameter; stamen purple.

280832. No. 3872. Moscow region. Received as *F. tetrasagittatum*.

280833. No. 4139. Kiev region. Received as *F. tetrasagittatum*.

280834 to 280841. SECALE CEREALE var. VULGARE Koern. Poaceae.

All are winter type.

280834. No. 9366. 'Falenskaya'. Kirov region.

280835. No. 9367. 'Viatka'. Kirov region.